



KAY COLLINS, OF THE Y-12 SECURITY DEPARTMENT, SHOWS THE proper way of disposing of classified waste into the special cans provided for the purpose. Used carbon paper and notes are torn up before being placed in the container to be burned later.

Destruction Of Carbon, Notes On Classified Material Mandatory To Maintain Security

Special Cans Provided In Y-12 For Disposal; Neglected Scrap Betrayed Nazi Atom Progress

Destruction and burning of carbon paper on which classified information has been typed for copying, also of all notes and non-permanent records of such information is a mandatory regulation of the Y-12 Security Program. For that purpose the big red "burn" cans are placed conveniently around the Y-12 Plant for disposal of such classified waste through burning after they have been torn to small pieces before being placed in the can.

Utmost care must be taken to prevent such classified waste from falling into the hands of unfriendly persons or agents of unfriendly nations. From such notes, even if they bear only meagre information, espionage agents can piece together small bits of knowledge to possibly obtain a complete picture of information they want.

Wartime Incident Is Bared

A wartime incident involving only a sheet of used carbon paper reveals the danger of allowing them or notes to fall into unfriendly hands.

It was during the height of the Germans' atomic research program in the final stages of World War II. Hitler's scientists had located an important part of their program in a little Bavarian town and when Allied forces threatened, they moved to a new location.

However, Allied intelligence agents went over the previous headquarters with a fine tooth comb and found a scrap of used carbon paper which had been used to make a copy of orders for relocation of the facilities. Quite legible, the carbon gave the intelligence operatives information necessary to launch immediate military action at the new site that brought an early end to further

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Parking On Bear Creek Road To Be Banned

Move Is Expected To Lower Congestion

Opening of a second shift by the Rust Engineering Co., doing a contracting job in the Y-12 Plant Area, has resulted in further congesting the already heavy traffic on Bear Creek Road during late afternoon hours. In an effort to keep automobile traffic moving as smoothly as possible during the rush hours, the Atomic Energy Commission Patrol has banned all parking on this thoroughfare within the boundaries of the Y-12 Plant Area.

The afternoon shift at Rush ends at 4 p.m. with the night shift starting at 5 p.m. This results in additional traffic both ways on Bear Creek Road, which added to the outbound Y-12 traffic beginning at 4:30 p.m., creates a hazardous traffic condition unless extreme care is exercised by all drivers on the highway.

The no parking ruling will provide protection for motorists picking up riders in car pools and also is expected to speed up traffic as it will eliminate automobiles breaking into lines of traffic directly from the roadside.

Y-12 Employees Set New Carbide Safety Period; 1954 Accident-Free Hours Top Mark For One Year

UCC Safety Report Cites Y-12ers For Fine Marks

Corporation Lowers Own Records And Sees Banner Year If Present Trend Continues

The Safety Progress Report of Union Carbide and Carbon Corporation, of which the Carbide and Carbon Chemicals Company is a Division, for the period of January 1-July 31, 1954, particularly singles out the Y-12 Plant for its safety record this year and in previous records. It is the only plant in the Corporation so mentioned.

(Editor's Note—The UCC Progress Report naturally does not include the latest Y-12 record, described in Column Five of this page.)

Here is what the report says about Y-12 safety:

Past Record Is Praised

"The Y-12 Plant, Carbide and Carbon Chemicals Company, Oak Ridge, Tenn., completed another period of over 1,500,000 man-hours without a disabling injury during the month of July. During the six-year period of 1948 to 1954, they have won 11 awards for working 1,500,000 or more man-hours without a disabling injury. The total time worked during the period of these awards amounts to 22,795,890 accident-free hours; this is equivalent to a working force of 1,000 employees working approximately 11 years."

The UCC Progress Report also points out that the Corporation accident frequency rate of 2.92 for the period was a drop of 21.8 per

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Time-Saving Route Urged To Y-12 East Portal Lot

A new and time-saving route for Y-12ers driving to the East Portal Parking Lot on coming to work in the mornings that also will relieve inbound traffic congestion on Bear Creek Road has been suggested. It is for motorists driving to the East Portal from Oak Ridge in the mornings do not turn at Bear Creek Road but continue on to the road leading directly off Scarborough Road to the East Portal lot. This route not only will relieve some of the traffic on Bear Creek Road but also eliminate the necessity of East Portal bound traffic using Bear Creek Road of cutting across traffic to reach the East Portal lot, eliminating a dangerous traffic hazard.

Fire Prevention Week Objectives Are Urged

October 3-9 Is Set For Plant Campaign

Reporting that fire losses in the Y-12 Plant Area have increased this year over the same period last year, the Fire Prevention and Control Department is planning a simple but effective program for the observance of Fire Prevention Week October 3-9. The fire and accident prevention programs in Y-12 are operated on a year around scale and not for just one week, but Fire Chief W. O. Elam points out that a refresher course and definite action is advisable during Fire Prevention Week to impress the necessity of eliminating fire and safety hazards throughout the plant.

Fire Prevention Week activities in the plant will be formulated by the Policy Committee, Fire, Safety and Security Coordinators and Divisional and Departmental Safety Committees. A meeting of the Coordinators will be called within the next few days for discussion of the observance and fire prevention measures will be discussed at all safety meetings prior to Fire Prevention Week.

The expanded operations in the Y-12 Plant have increased fire hazards and the prime objective of Fire Prevention Week is the elimination of these hazards. Good housekeeping measures, both inside and outside all buildings in the Y-12 Plant, are the foundation of the prevention program. Inspections by Supervision and members of the Fire Department will be made both before and during Fire Prevention Week to seek out and do away with all fire hazards.

All Y-12ers will be reminded of the Fire Prevention Week objective through signs and bulletin board posters distributed throughout the plant.

13th 1,500,000-Hour String Hit Last Week

Safety-minded and careful working Y-12ers have done it again!

When the work day of last Wednesday, September 15, was completed the Y-12 Plant had operated for another 1,500,000 hours without a lost time accident. This is the 13th time the plant has worked more than the 1,500,000 hours without a disabling injury to qualify for a Carbide Safety Period award and the third such period established this year. The last lost time accident in the Y-12 Plant Area occurred July 30.

Third Period This Year

By establishing this latest and 13th Company Safety Period (the 12th for which Company awards were presented since the ninth and tenth established in 1953 were combined as the plant operated for a record-breaking 3-126,787 hours without a lost time accident) Y-12ers also equalled another mark for three such periods on the books during one calendar year. This feat was achieved in 1952, when Company Periods Nos. 6, 7 and 8 were established.

Safety authorities in Y-12 are hopeful that the present string of accident-free days will continue indefinitely. The longer the Y-12 Plant operates without a lost time accident, it is pointed out, means not only a continued period of health and freedom from injury on the part of every individual employee but also increased efficiency for the plant. Longer periods of accident-free operations also means increased value of the individual safety awards granted every eligible Carbide employee in the Y-12 Plant Area on the payroll during the time the Carbide Safety Periods are established.

1952 Record Is Topped

Although the continued safety and health of every Carbide employee in the Y-12 Plant Area is the prime objective of the plant's accident prevention program rather than the winning of plaques, awards and citations—a check of records for past Carbide Safety Periods reveal that the Y-12 Plant Area employees this year already have worked more hours without a lost time accident than in any one previous calendar year since Carbide began operations here in 1947, including the present unbroken string of accident-free days. Including the figures of last Thursday morning after the latest latest 1,500,000 period was established the 1954 record stood at 5,427,412 hours with no lost time

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Y-12 Girls Club To Give Dance Friday Night At Eagles Club To Provide Fun For All Employees And Benefit March Of Dimes

With the dual objective of providing an enjoyable dance for all Y-12ers and their friends and to contribute to the Emergency March of Dimes campaign, the Y-12 Girls Club will give a dance Friday night at the new Eagles Club in West Village Friday night of this week, September 24. The fun is slated to begin at 9 p.m. and continue until 1 a.m.

For their part in helping the

Emergency March of Dimes Drive, Dave Blessing's orchestra will contribute its services to the Girls Club in playing for the dance. The Eagles Club likewise is providing its hall facilities without charge so that the March of Dimes campaign will be boosted.

As the dance will follow the Oak Ridge High School and Knoxville Fulton High School football game, dress for the affair will be

informal with guests urged to "come as they are" to the dance after the game.

The dance this week will open a fall and winter season of activities for the Y-12 Girls Club with several functions being planned for the coming months. These affairs are all in line with the objective of the club to provide more social contacts and entertainment for all Y-12 employees.

CHICKEN, VEAL DISHES TOP SPECIAL LUNCHES AT Y-12 CAFETERIA

Barbecued chicken on buns with cole slaw will be the entree for the 50-cent Special Lunch to be served at the Y-12 Cafeteria tomorrow, Thursday, September 23. The Special Lunch entree for next Tuesday, September 28, will be veal paprika with buttered noodles. The Special Lunches also include a vegetable, choice of salad or dessert and rolls and butter.

SAFETY SCOREBOARD

The Y-12 Plant Has Operated

51 Days Or 1,633,196 Hours
(Unofficial Estimate)

Without A Lost Time Accident

Through September 19

The Bulletin

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Analytical Group Sets Meeting, Plant Tour Cement Manufacture Will Be Explained

The Analytical Group of the East Tennessee Section of the American Chemical Society will open its new autumn and winter season with a lecture and movie on Thursday night, September 23; and a plant tour on Saturday, September 25.

The lecture and movie will be held at 8 p.m. Thursday in the Oak Ridge Institute of Nuclear Studies Building behind the Atomic Energy Commission Administrative Building on Administration Road. Walter S. Ernst, chief chemist of the Volunteer Portland Cement Co., Knoxville, will be the speaker. His topic will be "The Chemistry and Control of the Manufacture of Portland Cement." The moving picture will show some of the operations in the manufacture of cement.

The Saturday plant tour will be of the Volunteer Portland Cement Co., beginning at 10 a.m.

Wives and friends of members of the Analytical Group are invited to attend the meeting Thursday night and make the plant tour Saturday morning. Members are asked to notify L. A. Stephens, Y-12, plant telephone 7555; F. E. Clark, Oak Ridge National Laboratory, telephone 6103; or S. A. Reynolds, also of ORNL, telephone 6553; if they wish to make the tour so that advance preparations can be made.



The following Y-12 employees were patients last week in the Oak Ridge Hospital:

W. E. Lamb and W. A. Cofer, General Machine Shop; M. F. Orlando, Production Assay; R. L. McKinney and N. L. Derryberry, Field Maintenance; J. M. Miller and E. L. Killion, Jr., A Mechanical Operations; J. W. Rains, Buildings and Grounds; H. Woodby and C. H. Close, Alloy Development Maintenance; J. S. Tilley, Product Processing; W. H. Russell, Jr., Production Inspection; M. R. Spurgeon, Laundry.

Wife Of Y-12er Wins Top Canasta Prize At Party

Mrs. Frank A. Gragg, wife of a Y-12er, won first prize in canasta at the monthly card party and meeting of the Carbide Wives held last Wednesday, September 15, at the Ridge Recreation Hall. Second prize went to Mrs. N. H. Hurd. Mrs. R. B. Parker took first honors in bridge, second place going to Mrs. L. H. Fuls. The top bingo prize went to Mrs. H. B. Williams and Mrs. R. L. Raybourn won the door prize. The decorative theme for the meeting was "School Days."



HUNTLEY - DAVIS

Mr. and Mrs. W. Richard Huntley are at home at Oak Ridge following a short wedding trip after their marriage at 10 a.m., Saturday, September 4, at the First Baptist Church of Oak Ridge. Mrs. Huntley is the former Miss Betty Sue Davis, of the Y-12 SDA Development Department and her husband is with the Oak Ridge National Laboratory.

The wedding ceremony was performed by Dr. Madison V. Scott, pastor of the First Baptist Church. During the ceremony a program of organ music was given, including "Because," "You'll Never Walk Alone," "Ah, Sweet Mystery of Life" and "One Kiss."

The bride is the daughter of Mr. and Mrs. John W. Davis, of Belmont, Miss. Parents of the groom are Mr. and Mrs. Max Huntley, of Hancock, Minn.

Mrs. Thomas White, sister of the bride, was matron of honor. Frederick Bzdziuch, of Oak Ridge, acted as best man.

Out-of-town guests at the wedding included Mr. and Mrs. George Barton, of Memphis, Tenn., and Mrs. Davis, mother of the bride.

The bride is a graduate of Mississippi State College for Women at Columbus, Miss. Huntley graduated from North Dakota State College at Fargo, N. D.

BALL - WHITT

Of interest to the many Y-12 friends of the bride was the wedding on August 4 of Miss Mary Toledo Whitt, of the Technical Division in Y-12 and Joe Ball. The ceremony was performed at 7 p.m. at the Laurel Methodist Church, near Mars Hill, N. C., with the Rev. Frank E. Blalock, pastor, officiating.

The bride is the daughter of Mr. and Mrs. J. J. Whitt, of Mars Hill. Parents of the groom are Mr. and Mrs. J. Q. Ball, also of Mars Hill.

The bride was given in marriage by her father and during the ceremony nuptial music was provided by Miss Anna Love Blalock, pianist.

At her wedding the bride wore a floor-length dress of white Chantilly lace over satin, featuring a fitted bodice, a low neckline and a full skirt. A lace cap held her fingertip veil of nylon tulle and she carried a white bible topped with a white orchid showered with lillies of the valley.

Miss Regina Camp, roommate of the bride, was maid of honor. She wore a floor-length dress of net over taffeta and carried a bouquet of yellow roses. Miss Libby Lou Large, niece of the groom, was flower girl.

Sammy Reece, schoolmate of the groom, served as best man. Ushers were Jack Whitt, brother of the bride; and Phillip Ball, brother of the groom. All are from Mars Hill.

Following the ceremony, a reception was held at the home of the bride's parents.

Mrs. Ball will continue work in Y-12. Her husband plans to enter the Armed Forces in the near future. Both are graduates of the Mars Hill High School.

CHILCOAT - CALHOUN

The wedding in Knoxville on Saturday, September 11, of Miss Jimmie Sue Calhoun and Airman Second Class Bill R. Chilcoat was of particular interest to friends of the fathers of both the bride and groom—both fathers being Y-12ers. The bride is the daughter of James T. Calhoun, Field Maintenance, and Mrs. Calhoun. They live on Beaver Creek Drive, Powell. The groom is the son of Roy R. Chilcoat, Building and Grounds, and Mrs. Chilcoat, who live on Rt. 18, Knoxville.

The ceremony was performed at



Mrs. W. Richard Huntley



Mr. and Mrs. Joe Ball



A 2/C And Mrs. Bill R. Chilcoat

7 p.m. at the Grace Baptist Church with the Rev. Roy Arbuckle, pastor, officiating.

The bride chose a waltz length gown of nylon net and Chantilly lace. The fitted lace jacket with long pointed sleeves, had a round collar which buttoned at the neck. The full net skirt had a short overskirt of lace bound with a net ruffle extending into a point in the back. Her fingertip veil of net fell from a half bonnet of lace outlined with lace flowers. She carried a white laced bible topped



Come in this house—folks—Fall is here, says the calendar, so pull up a chair, set, and read about the goings and comings and doings of Y-12ers around and about.

MECHANICAL OPERATIONS

A. T. Sharp, General Machine Shop, selected Coalfield for his vacation . . . J. W. Witt vacationed last week and spent the time profitably operating a concession stand at the Knoxville fair . . . Home, Sweet Home, was good enough for vacationers E. M. Neal at Clinton and Clifford Herrell at Powell . . . M. M. Maples also is vacationing—he went thataway, they say . . . J. D. Davis is doing some fishing over in North Carolina and hopes to have as good luck as Fred Williams, who caught four fat bass at Watts Bar last week.

Mechanical Operations Division people were congratulating R. M. Kristich last week—he became the proud parent of an eight-pound ooby girl, named Romona Lynn after father Roman, has beautiful red hair . . . Deepest sympathy is extended H. H. Gresham over the September 11 death of his father. . . Frankie DuBose is back after a long illness.

MANUFACTURING OFFICE

Alive (we have every reason to believe) news gathers from Property Sales out Elza way submit these reports—

W. A. Nichols is vacationing this week with relatives up North way and in his absence Ben Hope, fresh from his vacation rest, is now "TR'D" to "Nichols Ben Hope, Jr." . . . H. L. Pace is back with lots of tall tales such as 12 squirrels, dozens of fish, etc. . . Dental troubles beset John Jenkins and Harold Borum . . . Salvage Yard Keeper McClure & Co. seem a lot happier since their tentative transfer to a new location . . . Morris Perry is reported enlisting the aid of a couple of Petros bloodhounds to round up some Friday night football acquaintances . . . A. Griffith's ailing eye is improving . . . Congratulations to Gwenn Lindsay on her fourth wedding anniversary—best wishes from all.

Ed Bevins, of Technical Information, has been visiting in Mississippi and Florida.

Irene Turner, Manufacturing Office Department, is visiting folks

with a white orchid and showers of tuberose extending into streamers. Her only jewelry was a single string of pearls, a gift of the groom.

Miss Betty Jo Stone, Knoxville, was maid of honor. She wore a mint green gown fashioned after the style of the bride's, with a net jacket. She carried a bouquet of white carnations with mint green and white streamers.

Martha Kate Calhoun, sister of the bride, was junior attendant.

Raymond Stone, Knoxville, was best man. Ushers were Terry Calhoun, brother of the bride, Powell; Terry Chilcoat, cousin of the groom, Oak Ridge; and Tony Chilcoat, brother of the groom, Knoxville.

Out of town guests included Mrs. Terry Calhoun, grandmother of the bride; Mr. and Mrs. Edward Hankins, Mr. and Mrs. Wallace Calhoun, Mr. and Mrs. Will Waters, William Waters, Mr. and Mrs. Houston Wright, and Mr. and Mrs. James Davis, all of Lebanon, Tenn.

After the wedding trip to the Gulf Coast the couple will be at home in Tampa, Fla.

The bride graduated from Karns High School, Knox County, and attended Knoxville Business College.

The groom graduated from Oak Ridge High School and attended Carson-Newman College before entering the United States Air Force.

in Charlottesville, Va., this week.

The Cashier and Travel Office has J. O. Norman back from his vacation spent over near Solway.

W. K. Palmer, of Stores Inventory Control, is vacationing in Chicago . . . Polly Arnold will take in the Tennessee-Mississippi State football game in Memphis Saturday night as a climax to her vacation.

Frank Ballenger, Methods Engineering, was a homebody in Oak Ridge on his vacation.

J. R. Johnson, Tool Department, is resting over at Myrtle Beach, S. C. . . . C. H. Walker is welcomed back after an illness . . . Sympathy is extended P. I. Fawver, whose brother-in-law died last week.

S. F. Gambill spent the best possible vacation—combining it with a honeymoon—of course, he didn't say where . . . Bill Russell was ill last week at the Oak Ridge Hospital and received a lot of get-well wishes.

CHEMICAL

George W. Wylie vacationed at home in Oak Ridge last week trying to get some of the kinks out of his golf game, according to Processing and Utilities Operations pals.

The Chemical Department reports E. V. Larmoyeux vacationing—but don't know where . . . Bobby McNew, accompanied by husband Raymond McNew, of the General Machine Shop, is basking on beaches in Florida . . . Congratulations to R. D. Atkins on the arrival of a new son—Richie Douglas—born September 3.

TECHNICAL

Paul Lawless, of Chemical and Industrial Engineering, has been up in Canada where the breezes blow blizzaralike this time of year.

Health Physics sends get-well-quick wishes to Helen Ivins and Laurie Applin, their ailing comrades.

Roscoe Barringer, Production Analysis, vacationed by taking care of older young 'uns around his house after a new son, weighing nine pounds, 12 3/4 ounces, arrived at the Barringer home last week.

George McGowan is vacationing from Mechanical Engineering—another one who went thataway.

Ray Waldrop, ADP Development, is seeing sights of Manchester and Nashville . . . Mary Alice Cox is vacationing in Clinton . . . Charles Hamrin, co-op student from Northwestern University, was warmly welcomed back last week.

Didja hear about the ailing, aching and argumentative Y-12er in the hospital who complained because the nurse kept giving him ligs when he asked for dates?

INDUSTRIAL RELATIONS

Lee Bagwell, of Safety, basked in the breezeway of his Norwood domicile last week—surrounded by all safety appliances to keep him from falling out of that 'ol rocking chair . . . J. V. (Uncle Joe) Carpenter is mending nicely at home after his operation and is expected back about October 1.

Medical has Dr. Anne Robinson, Blanche Gibbs and Margaret Rainbolt vacationing—they went

Continued on Page 4



Congratulations to W. G. Rains, Alpha Five, who became father of a baby girl born at the Oak Ridge Hospital September 15.

'END OF SEASON' GOLF MEET SET OCTOBER 2-3



THREE MORE TEAMS IN THE Y-12 PLANT GOLF LEAGUE ARE PICTURED ABOVE. The Chippers are shown in the left photo, players being from left, Carl Dorr, Harvey Saylor, Bob Orrison and J. M. Herndon. Jim Lister, another team member, was absent when the picture was made. The Fat Boys, who always gave the opposition a battle, are shown in the center

picture. From left are Ellis Hill, J. P. Smith and Nelson Tibbatts. John Boyd is absent from the photograph. Right is the Grand Slammers with team members being from left, Ed Sturges, Gentry Underwood, Elmore Koons and Joe Dunlap.

Medal Play Tourney Scheduled At Ridge

36-Hole Route Ahead For Links Contenders

Y-12 golfers will wind up official plant links activities with a splurge on Saturday and Sunday, October 2 and 3, with an "End Of The Season" tournament. The event will be staged at the Oak Ridge Golf and Country Club.

Entrants in the tournament will play for best medal scores over the 36-hole route. The players may put in the entire 36 holes on either of the two days of the tournament or divide their play into 18 holes on each day.

The tournament is open to all Y-12 Plant employees. Handicaps for golfers who have played in the Y-12 Plant Golf League during the season just concluded will be used by them. Any other Y-12 golfers wishing to play in the event who have not established handicaps in the league are asked to communicate with the Y-12 Recreation Office, Room 207, Bldg. 9704-2, telephone 7753, to arrange for a proper handicap.

Prizes of golf balls will be awarded winners in the tournament.

A large entry list is expected in the "End Of The Season" tournament as the popular outdoor sport has attracted many employees during the past several months. Several week-end tournaments have been held during the season, in addition to the regular league play.

Further information on the tournament may be obtained from the Recreation Office and also will be published in The Bulletin next week.

49ers Win Plant Loop Title From Bombers; ADP Blanks Lions For City Class B Crown

League Champions Take Two Straight

The 49ers, featuring brilliant defensive play and timely hitting, won the Y-12 Plant Softball League championship last week at Pinewood Field from the Bombers in a best two out of three playoff series. The new champions won the first game by 12 to 5 and the second by 4 to 2. The 49ers won the first half flag in the loop with the Bombers annexing the second half title.

The 49ers won the first game of the set with comparative ease as they scored six runs in the fourth frame and added five more in the sixth canto. Ed Sise gave up 10 hits to the Bombers while Gib Hatmaker allowed seven safeties to the 49ers. Louis Fitzgerald, brilliant 49er outfielder, and Sise led the champs to the triumph with two hits each. Bill Rains, Bomber centerfielder, poled a home run in the first half of the first inning while B. J. Stuart led all batsmen in the fray by collecting three solid knocks.

The second game of the playoff proved to be a hard fought contest with everyone bearing down to the last wire. Hatmaker and Sise twirled fine games for their respective clubs. The 49ers got off to a four-run lead in the bottom of the fourth inning with the Bombers countering with one run in the sixth and seventh frames. George Wylie, the old pro with the 49ers, led his team by smacking out a pair of knocks, both singles, while Manager Colleen Shotts led the hitting parade for the Bombers with two bingles.

Team	R	H	E
Bombers	320	000	0—5 10 2
49ers	100	605	x—12 7 0

Hatmaker and Castleberry. Sise and Dodson.

Y-12 Bowlers Blank Friedman In Debut

The Y-12 men's varsity bowling team splashed a four-point victory over the Friedman Jewelers in the opening night of play in the Oak Ridge City League Monday night, September 13. Led by Joe Pryson's 564 series that included a single game of 202, the Y-12ers posted games of 908, 815, 834—2577; to 444, 777, 794—2015 for Friedman. The losers had only four men rolling in the opening game.

Individual Y-12 scores were Pryson 202, 182, 180—564; Frank Zupan 178, 167, 191—536; Ernie Cobble 156, 181, 195—532; J. D. Brown 172, 173, 164—514; and Jack Spears 200, 111, 179—490.

Wasps Hold B Lead, Rips Hog Scoring

The Rippers bowling team of the B League of plant keggers hogged the scoring spotlight in pin smashing last Thursday night by occupying six of the eight leading categories of tallying as the team took three points from Bldg. 9211 and replaced their victims in third place in the standings. Meanwhile, the Wasps stung the Wolves for four points to retain the league lead and the Tigers clawed their way to second place with a whitewash triumph over the Swingsters. The Has Beens also took a leap up the ladder from last place by blanking the Bumpers. Three-point victories were turned in by the Cubs over the Rebels and ADP over the All Stars.

Elmore Koons, of the Rippers, had the best handicap scoring of the night with a 255 game and 656 series. Len Hart, another Ripper, posted a neat 223 scratch game. Roy Roberts, of the Has Beens, had a good 574 scratch series. In team scoring the Rippers had a 913 scratch game, boosted to 1057 with handicap and a 2499 scratch series. The ADP pinsters got into the act with a 2951 handicap series.

League standing follows:

Team	W	L
Wasps	10 1/2	1 1/2
Tigers	8 1/2	3 1/2
Rippers	8	4
All Stars	6	6
Bldg. 9211	6	6
Cubs	6	6
ADP	6	6
Has Beens	6	6
Wolves	4	8
Rebels	4	8
Bumpers	4	8
Swingsters	3	9

Ridge Tourney Won With Five Victories

The ADP team of the Y-12 Plant League brought Y-12 another Oak Ridge Class "B" Softball Tournament crown last week by defeating the Lions Club by 1 to 0 in a thriller at Midtown No. 1 Field. The ADP crew slipped by five fine ball clubs to win the title. Included in the group were K-25 A Bombers, Athletic Shop, K-25 Process Engineers, K-25 Has Beens and Lions.

Hits were scarce in the title clash as Jim Cook, of ADP gave up only one scratch blow and Hemphill, of the Lions, gave up two bingles. ADP scored the only run of the tie in the second inning with one out as Clyde Hopkins slammed a long triple and then Herb Oliver drove in Hopkins with a sizzling single.

With one run to work on Cook took complete charge of the situation and closed the door during the entire seven innings.

Manager Carl Frazier and his championship team received a beautiful trophy from the Oak Ridge Softball Association for winning the tourney.

Line score follows:

Team	R	H	E
ADP	010	000	0—1 2 1
Lions	000	000	0—0 1 0

Cook and Hopkins. Hemphill and Als-paugh.



Gophers Cop Golf Crown

The Gophers grabbed the Y-12 Plant Golf League championship in a playoff against the Rippers Sunday at the Oak Ridge Golf and Country Club with an 11 to 5 triumph.

Art Hines, Gophers, had the low gross score of 76, cut to 70 with handicap. Other net scores by the winners were Emlet 64, Lowry 73 and O'Neal 79. Lowry and Emlet posted four points each for the winners, Hines one and O'Neal two.

Net scores by the Rippers and points were Spears 80, two; Peckman 70, three; Holtzknicht 75 none; and Hooker 74, none.

Piloting Classes To Open Thursday

Registration in the piloting classes to be conducted by the Oak Ridge Power Squadron will be held tomorrow night, Thursday, September 23, in Room 129, Oak Ridge High School. Instruction will begin at the same time with classes being held at 7:30 p.m. each Thursday until the course is completed.

The piloting classes have been most interesting and valuable to Y-12ers and other Oak Ridgers interested in boating, either power or sail. Subjects offered include instruction in handling of boats, equipment, rules of the road, seamanship, safety afloat, compass reading, aids to navigation, charts and piloting, manners and customs.

There is no charge for enrollment in the piloting classes. Among the instructors will be G. J. Angele, past commander of the squadron; and J. J. Kurtz, both Y-12ers. Further information on the classes may be obtained from them—Angele at 7268 and Kurtz at 7-8221.

All-Carbide Dates Are Set

The 1954 All-Carbide Golf Tournament will be staged next month with the deadline for entries being next Wednesday, September 29, when qualifying rounds must have been played. The first round matches of the tournament must be completed by October 9, the second round engagements by October 16 and the finals by October 24. The event will be match play.

Tournament matches may be played at any course agreed on by the contestants. However, if no agreement is reached play will be staged at the Cedar Hills Golf Course at Martel.

Handicaps will be based on league averages for the year.

Further information and application blanks may be obtained at the Y-12 Recreation Office, Room 207, Bldg. 9704-2, telephone 7753.

Y-12ers Hold Place, Reed Topples 500

The Y-12 women's varsity bowling team maintained its second place position in the Oak Ridge City League last Thursday night by trimming the Cas Walker lassies for three points. The Y-12 standing for the season is 9 1/2 points won and 1 1/2 lost. The Stinkers, the only unsponsored team in the circuit, holds first place with an 11-1 mark.

Juanita Reed led the Y-12 scoring with an even 500 series, composed of games of 128, 203 and 169. Other scores were Mavis Koons 186, 147, 143—476; Dot Park 148, 136, 144—428; Ruby O'Kain 130, 126, 154—410; and Betty Whitehorn 144, 122, 92—358. The Y-12 team tallies were 736, 734, 702—2172; to 658, 681, 729—2068 for the opposition.



THIS HEALTHY LOOKING GROUP OF Y-12 YOUNGSTERS ARE MEMBERS OF THE OAK RIDGE HIGH football squad for the 1954 season. The Wildcats are expected to make a determined bid for the state championship this season. Players names with the parents, or closest relatives in Y-12, initials in parenthesis follow: Front row left to right, DeVane Chapman (J. F.); Ronnie Shuttle (J. P.); Jimmy Chamblee (J. F.); Gerald Bryant (Samuel); Dan Tuxbury (F. L.); Charlie Gearhauer (Louis Wickham, stepfather); James Stewart (A. L.); Gayle Helton (Joe); Tommy Harris (C. E.); Gene Cowan (G. A.); Bob Hopkins (C. B.); and Bob Richards (Hugh). In the rear are Ernest Vann (E. G.); Don Stinnett (E. C.); Bill Gent (E. E. Ramsey, grandfather); Bethel Poston (Bethel); Sammy King (Sam); Fred Mitchel (W. T.); Thomas St. John (C. C.); W. J. Shumaker (E. W. Bean, guardian); and Kendell Brady (L. J.). The Wildcats meet Fulton High of Knoxville on this Friday night.

**CARBIDE AND CARBON
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A Division of

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PAID
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Permit No. 3**Dickerson, Palko Win
Camera Club Prizes**

Carbide employees in the Y-12 Plant Area took first and third prizes and first honorable mention in the black and white print contest held by the Carbide Camera Club on Tuesday night, September 14. The subject of the photographic prints in the competition was water scenes.

The first honors were taken by Herman Dickerson and third place went to A. A. Palko, president of the club. Charles Coleman won first honorable mention. Second place in the contest went to S. A. Hluchan, of Oak Ridge National Laboratory.

Club members now are preparing for the annual salon meeting to be held late in October. Because of the interest of club members and the public in the meeting, it will be held in an Oak Ridge location instead of club headquarters in the Y-12 East Portal Building. An announcement on time, place and details of the salon session will be made within the next few days by President Palko.



SAFETY AT WORK AND AT PLAY is stressed in this billboard message from the Safety Department on the big board at the Y-12 North Portal where it can be seen by throngs of motorists every day.

**Y-12 Employees Set
New Safety Period**

Continued from Page 1
accidents. The 1952 record, previously the best in Y-12, was 5,384,646 hours.

These figures, of course, do not include the strings of accident-free days that were broken before a 1,500,000-hour total was reached. Of course, the longest single period work in Y-12 without a disabling injury was that 3,126,787 hours from July 30 to November 20 last year. That still stands as the best mark by any plant in the Carbide and Carbon Chemicals Company. It brought the Y-12 Plant the Award of Honor from the National Safety Council and an award by the same name from the Atomic Energy Commission.

**Hornets, Glass Arms
Lead In C League**

The Hornets and the Glass Arms got away winging in the C League bowling openers last week, winning four points from the Deltas and C Shift respectively. The Hot Wires took three points from the Electrons and the Screw Balls beat the Rusty Five by the same margin.

The Hornets swept the boards in team scoring with 935, 1085, 2242 and 2933. Hatmaker had a 212 scratch game, Shirley a 520 scratch series, boosted to 649 with handicap. All are Hornets. Sprouse, Hot Wires, had a 241 handicap game.

League standing follows:

Team	W	L
Hornets	4	0
Glass Arms	4	0
Hot Wires	3	1
Screw Balls	3	1
Rusty Five	1	3
Electrons	1	3
Deltas	0	4
C Shift	0	4

10 Years Service

Congratulations to the following Y-12 employees who will complete 10 years of Company Service within the next few days—

Sanders A. Copeland, Stores Inventory Control, September 23.
Toy C. Underwood, General Machine Shop, September 23.

Julius C. Maples, General Machine Shop, September 26.

Lester L. Kile, Buildings and Grounds, September 26.

Beatrice M. Cameron, SF Control, September 26.

Claude D. Langley, Processing and Utilities Operations, September 27.

Clifford Patrick, Janitors, September 27.

p.m. in the auditorium of Bldg. 4500, Oak Ridge National Laboratory. The speaker will be F. K. McGowan, of the ORNL Physics Division.

**UT Graduate Courses
Registration Opens**

Registration for the 13 courses offered by the University of Tennessee Graduate School in its Oak Ridge Resident Graduate Program fall quarter will be held Friday, September 24 with classes beginning Monday, September 27. Enrollment will be from 6 p.m. to 9 p.m. at the Oak Ridge Institute of Nuclear Studies Building on Administration Road, just behind the Atomic Energy Commission Administration Building.

Faculty advisers will be present at the registration to approve course selections. All Oak Ridge classes will be in the ORINS Building.

Courses offered Y-12ers and other Oak Ridgers desiring to take the graduate work are Chemical Engineering 541, Research and Design in Chemical Engineering; Chemistry 541C, Advanced Physical Chemistry; Chemistry 581, Radiochemistry; Industrial Management 511, Principles of Organization I; Industrial Management 521, Personnel Management; Industrial Management 533, Managerial Accounting; Mathematics 451, Introduction to Analysis; Mathematics 561, Mathematical Methods in Physics; Metallurgy 571, Advanced Physical Metallurgy; Physics 414, Introduction to Nuclear Physics; Physics 451, Atomic Physics Laboratory; Physics 621, Nuclear Structure; and Statistics. 321G, Elementary Statistics.

Classes in the Graduate Program in Oak Ridge close on December 16 with examinations and grade reports given the following day.

**UCC Safety Report
Cites Y-12 Record**

Continued from Page 1
cent below the rate of 3.74 for the same period a year ago and 19 per cent below the entire 1953 mark of 3.61. The UCC accident-severity rate as of July 31, 1954, was 0.50, which is 15.5 per cent below the 0.59 rate a year ago and 23 per cent under the 0.65 mark for all of 1953.

1953 Record Year for UCC

Citing these figures, the UCC report says:

"Although 1953 was a record year for safety for UCC and its subsidiaries, this year promises to be even better if we maintain our present rates of frequency and severity."

Union Carbide won the Award of Honor from the National Safety Council for reducing its frequency and severity rates in 1953 from the 1952 records.

**New Y-12 Shift Schedule
Becomes Effective Monday**

The new schedule for Y-12 shift workers to go into effect at midnight Sunday, provides more time off during long breaks. The old schedule for the A, B, C and D Shifts expires at midnight, Sunday, September 19, with the new schedule going into effect immediately at 12:01 a.m. Monday, September 20. The working hour schedules will be changed, being 7 a.m. to 3 p.m., 3 p.m. to 11 p.m. and 11 p.m. to 7 a.m.

The new shift schedules will provide a long break of 104 consecutive hours once each month for all employees working on shifts. These breaks will begin at 7 a.m. on Friday mornings and continue until 3 p.m. the following Wednesdays.

Remember—Only you can
PREVENT FOREST FIRES!



Continued from Page 2
those ways.

Personnel Records extended sympathy last week to **Sue Wassom**, whose grandfather, J. H. McNally, died at Cookeville, Tenn.

Guard Department vacationers include **K. L. Johnson**, **S. T. Vickery**, **J. C. Taylor**, **J. George**, **W. W. Hammer** and **S. L. Ray**—they went all whichaways.

Capt. E. L. Greer, of Fire Prevention and Control, spent last week at home in Knoxville.

Barbara Hopkins, of Security, has returned to studies at the University of Tennessee.

Irene Reed, of Employment, is one of Y-12's happiest gals—she is vacationing and welcoming her husband home after several months of overseas service. . . **Elizabeth Kilby** is welcomed as a newcomer.

MAINTENANCE

Salvage is happy for **K. E. McCulley's daughter**—she is rapidly recovering from an illness and is at home.

W. A. Parks, of Buildings and Grounds, and his wife, **Nell Parks**, of the Superintendents Division, are vacationing in Kentucky. . . Other B & Gers and Transportations vacationing include **F. F. Orme**, **C. J. Price**, **U. Gadson**, **A. Cleveland**, **G. E. Phipps**, **M. Daniel** and **J. G. Harmon**—they went— you guess where.

Electrical Maintenance had **R. H. Bacon**, **T. W. Baker, Jr.**, **R. C. Burns** and **K. England** on the vacation list last week.

Martha Nelson, of the Laundry, is spending a couple of weeks in Detroit. . . **Nannie Waggoner** is taking the same time for a visit with her sister in Chicago. . . **John Tate** is at his Lenoir City home this week. . . The department warmly welcomed **Gertrude Scarlett** back after a long illness and at the same time sent rapid-recovery wishes to **Mildred Spurgeon**, ill in the Oak Ridge Hospital.

C. H. Harrell, Field Maintenance, plans to see some World Series games while vacationing. . . **H. B. Thomas** is at home in Oak Ridge. . . **W. L. Nelson** is squirrel hunting around Oliver Springs. . . **E. G. Greenlee** is at home in Fountain City. . . Get-well wishes are sent to a long list of sick folks—including **E. E. Bean**, **W. H. Younger**, **W. R. Staples**, **E. J. Hickie**, **J. H. McCulley**, **N. L. Derryberry** and **R. E. Pelfrey**.

Beta Two Maintenance welcomes newcomers **C. E. Gaut** and **John P. Jones**.

L. E. Brown, ADP Maintenance, had a new mouth to feed last week—his son, **Larry**, 10, won a pony at a drive-in theater.

ALLOY

Bar' Hunters **Grubb**, **Henry**, **Bledsoe** and **McCullough** still are unreported—maybe their buggy whip bent in the middle. . . Best wishes to **Jodelle Oakes** who has resigned to enter the field of matrimony—she'll live in Richmond, Ky., after her October 2 marriage to **Hugh Boyd**. . . **J. T. Horne** is vacationing around home—Crossville, Tenn., that is. . . **Van Vail** is somewhere in Michi-

**Destruction Of Notes,
Carbon Mandatory**

Continued from Page 1

progress of the Nazi atomic energy plans.

Surrender Said Hastened

Some sources have credited this intelligence move with hastening the German surrender just a few months later.

As an object lesson to prevent security leaks through this method, the original scrap of carbon paper now is in the archives of the Atomic Energy Commission in Washington as a reminder of the lethal power of careless disposal of classified waste.

Let's don't let it happen here.

**Electromet To Build
New Titanium Plant**

Plans for production of at least 7500 tons of titanium metal a year at a new Ashtabula, Ohio, plant to cost approximately \$31,500,000, have been announced by **A. L. Foscue**, President of Electro Metallurgical Company, a Division of Union Carbide and Carbon Corporation, following the signing of a contract with the Government. Under the terms of the contract, the General Services Administration has agreed to purchase from Union Carbide that part of the plant's output not sold to private industry.

Exceptional Quality Produced

This will be the first commercial production of titanium by a method other than the Kroll process. The Electromet process involves sodium reduction of titanium tetrachloride, which produces metal of exceptional quality. The Company has had this process in operation on a pilot and prototype plant scale at its Metals Research Laboratories in Niagara Falls, N. Y. The Ashtabula commercial plant is expected to take about a year and a half to get into production.

The new titanium process has been the subject of research and development for the past five years at a cost of almost \$2,000,000. Actually, Electromet has been conducting research on various methods for the production of titanium for almost 15 years, and has been regularly producing alloys of titanium for over 20 years.

Titanium has often been called the new "wonder metal" because of its unusual combination of strength, lightness, and resistance to corrosion and heat. While titanium is the tenth most abundant element in the earth's crust, there is a scarcity of concentrated deposits of the metal ores. Yet, titanium has had a spectacular growth from a mere three tons in 1948 to an estimated 5,000 tons this year.

gan. . . The Division's own **Danny Berrier**, of the B Shift, is being congratulated over winning the Whittle Springs Golf Club 1954 championship. . . Back from vacations are **C. E. Mills**, from Kokomo, Ind., and **R. D. Williams**, from home in Oak Ridge.

That does it, folks.

Rides Wanted, Offered

Ride Wanted—From 1847 Laurel Ave., West Knoxville, to Central Parking Lot, straight day. **Mary E. Jones**, plant telephone 7-8411, home telephone 3-7612, Knoxville.

Ride Wanted—From North Hills section, Knoxville, D Shift. **Cecil Clowers**, plant telephone 7903, home telephone 2-8294, Knoxville.

Ride Wanted—From Smithwood section, Fountain City, to Central Parking Lot, straight day. **Elizabeth Kilby**, plant telephone 7-8241, home telephone 6-4386, Knoxville.

Ride Wanted—From Holbrook Store, Old Clinton Highway, straight day. **H. W. Roberts**, plant telephone 7074.

Ride Wanted Or Will Join Car Pool—From Park City section, Knoxville, straight day. **Carl John Bosson**, plant telephone 7644, home telephone 2-4577, Knoxville.

Riders Wanted—From Lake City or Clinton to all Y-12 portals, C Shift. **Otis Lineberry**, plant telephone 7644, home telephone 4882, Lake City.

Ride Wanted—From Cherokee Addition, Kingston, straight day. **H. M. Monday**, plant telephone 7951.

Want To Join Car Pool—From Sequoyah Hills section, Knoxville, straight day. **F. H. Geyer**, plant telephone 7735, home telephone 8-4987, Knoxville.

Riders Wanted—From Norris or Clinton, straight day. **B. F. Rutherford**, plant telephone 7-8212, home telephone 585, Norris.

Two Or Three Riders Wanted Or Will Join Car Pool—From vicinity of Jefferson Terminal or Lansing Road, Oak Ridge, to Central Parking Lot. **J. T. Michael**, plant telephone 7-8384, home telephone 2-1946, Oak Ridge.

Ride Wanted Or Will Join Car Pool—From West end of Beaver Creek Drive, Karns Community, straight day. **C. A. Mills**, plant telephone 7018, home telephone 4-3395, Powell.

Want To Join Car Pool—From LaFollette, C Shift. **L. A. Tolliver**, plant telephone 7527.

Four Riders Wanted—From Clinton to East Portal, straight day. **J. L. Overton**, plant telephone 7549.

**Y-12 Personnel Is Invited
To Physics Seminar Meet**

Y-12 scientific and technical personnel interested in the topic "Coulomb Excitation of Nuclear Energy Levels" are invited to attend the weekly meeting of the Oak Ridge Physics Seminar on Friday afternoon, September 24. The session will be held at 3:15